

### Unique Anti-Residual design

When there is no power, there will be no holding force, and the push-off button will pop out immediately, to release the Electromagnetic Lock and the Armature Plate for no residual magnetism.

### Statement

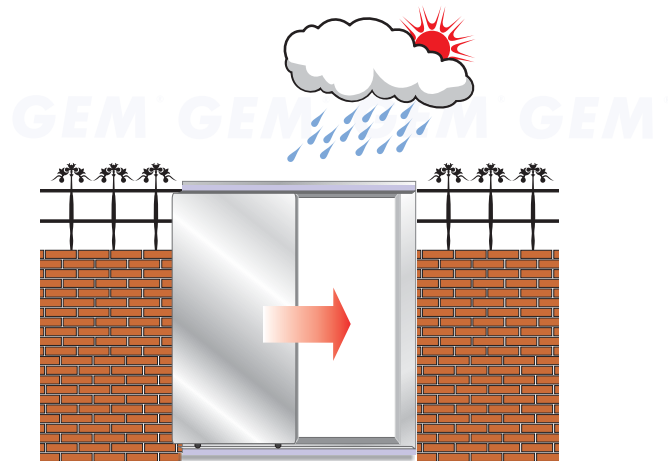
The fail-safe Electromagnetic Lock design with no mechanical parts but magnetic force to secure and release the doors, suitable for use in areas which required access controlled or egress such as exit door.

The Electromagnetic Locks are totally sealed in an epoxy filled stainless steel case for water-resistant and vandal-resistant purpose. A threaded conduit fitting ensures weather resistant protection of the wiring therefore it is ideal for indoor and outdoor applications, even in severe weather.

GL-1800F-IOTB offers up to 1800 LBS holding force. It can be used with Z or L brackets are suitable for use on in-swing or sliding door applications.

### Specifications

- Voltage Tolerance:  $\pm 15\%$
- Current Draw: 500mA@12Vdc; 250mA@24Vdc
- Operating Temperature:  $-10\sim 55^{\circ}\text{C}$  ( $14\sim 131^{\circ}\text{F}$ )
- Humidity: 0~95% non-condensing.
- Lock's surface Temperature (when the power is on):  $\leq$  current temperature  $+20^{\circ}\text{C}$
- Holding Force: 1800 lbs (818 Kg)
- Dimensions:
  - Magnet:(L) 284, (W) 71, (D) 46 mm
  - Armature Plate:(L) 250, (W) 70, (D) 16 mm
- Special Finishes for magnet and armature plate: Zinc
- Epoxy Potting Compound: E87252 (S), UL94V-0
- Weight(Approx.): 8.0 kg



This series of Waterproof Magnetic Lock is made with epoxy potting compound and is protected by this compound. Also, GEM Waterproof Series Magnetic Locks have been proved to have withstood a water resistance as established in accordance with the test procedures of IPX7, IPX8 through a trusted third party. Therefore users need not worry that the lock will be rusted or sparked, if the lock is using in outdoor applications and installing in confined space where any inflammable gas.

### Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 5 year from the date of sale to the original customer. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.

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The products are manufactured under an ISO 9001 & QC 080000 Certified Quality Management Program environment back its product quality, performance and commitment to customer satisfaction.